

# How to make a volcano!

## Materials

- Glass jar (4-5 inches in diameter)
- Plastic tub or container (approx. 10 x 17)
- 1-2 pounds of dirt
- ½ cup water
- ½ cup baking soda
- 6 tbsp dish soap
- Orange food coloring
- ½ cup vinegar

## Procedure

Make sure to have a parent help measure and pour the materials!

1. First, place your glass jar in the center of your plastic tub or container.
2. Next add and pack the dirt all around the jar, by making a mountain around it. Keep the mouth of the jar free of dirt but make sure to cover it to the rim, making it look like the opening of the jar is the top of the volcano.
3. Add half a cup of water to the jar along with half a cup of baking soda, then add the six table spoons of dish soap.
4. Once the mixture is created put in 5-6 drops of orange food coloring; if you don't have orange you can also use three drops of red and three of yellow!
5. Stir the contents of the jar until it is evenly colored.
6. Finally pour in the vinegar to start your explosion! If the eruption is not explosive enough add a tad more vinegar and watch the lava burst out!